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Nemie, Jr.

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(54) **PRECISION NON-CONTAMINATION OILER**

(75) Inventor: **Edward J. Nemie, Jr.**, Newport News,
VA (US)

(73) Assignee: **Siemens Automotive Corporation**,
Auburn Hills, MI (US)

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Related U.S. Application Data

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(51) **Int. Cl.**⁷ **F16N 21/00**

(52) **U.S. Cl.** **184/105.3**

(58) **Field of Search** 184/105.1, 105.2,
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(57) **ABSTRACT**

An apparatus for lubricating a surface. The apparatus includes a cylinder having an interior wall extending longitudinally therethrough. The wall defines an opening. The apparatus also includes a lubricating fluid reservoir located upstream from the opening and a path of fluid communication fluidly connecting the reservoir and the opening. The apparatus also includes a valve located in the path of fluid communication. The valve is biased to close the path of fluid communication. At least one valve opening member is disposed in the opening, with the at least one valve opening member operatively connected to the valve. A surface to be lubricated is insertable into the opening such that the surface engages the at least one valve opening member. The at least one valve opening member opens the valve, allowing the fluid to flow downstream from the reservoir, through the path of fluid communication and to the opening to the surface to be lubricated. A method of lubricating the surface is also disclosed.

11 Claims, 4 Drawing Sheets

